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Plant Variety Protection Office Official Journal



PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office Warehouse Division, AMS U.S. Department of Agriculture National Agricultural Library Bldg., Rm. 500 Beltsville, Maryland 20705

CONTENTS

	PAGE
Applications Received	4
Applications Amended	6
Applications Abandoned, Etc	7
Certificates Issued	8
Certificates Amended	12
Certificates Voluntarily Abandoned	13
General Information	14

APPLICATIONS RECEIVED 0CT. 1, 1983 TO DEC. 31, 1983

æ assigned an application number and will be examined to determine whether the variety is entitled to certificate of protection. Seed of these varieties may be labeled "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. VARIETY PROTECTION APPLIED FOR." Applications for protection have been filed for the following varieties, each application has been

	(3)									(1)	(2)		(2)	(5)						(3)			(3)	(3)	
NAME OF APPLICANT	Minnesota Agric. Expt. Sta. Asgrow Seed Co.	Asgrow Seed Co.	Asgrow Seed Co.	Asgrow Seed Co.	Asgrow Seed Co.	Rogers Brothers Seed Co.	Lofts Inc. & Jacklin Seed Co.	Holden's Foundation Seeds, Inc.	Holden's Foundation Seeds, Inc.	Black Jewell Popcorn, Inc.	Oklahoma Agric. Expt. Sta.	Saatzucht Steinach, W. Ger.	Idaho Agric. Expt. Sta.	Idaho Agric. Expt. Sta.	International Seeds, Inc.	Auburn Univ. Agric. Expt. Sta.	Wilbur-Ellis Co.	Petoseed Co., Inc.	Moran Seeds, Inc.	Wisconsin Agric. Expt. Sta.	Pure Line Seeds, Inc.	Jacques Seed Company	Coker's Pedigreed Seed Co.	Coker's Pedigreed Seed Co.	Bailey Seed Farms, Inc.
APPL. DATE	831101 831028	831028	831028	831214	831214	831229	831021	831229	831229	831227	831031	831114	831011	831011	831011	831129	831114	831007	831122	831221	831230	831028	831118	831118	831230
VARIETY	Robust Midland	Northland	Wesland	<xpb142></xpb142>	<xpb148></xpb148>	Sapphire	Nassau	LH122	LH123	<bj-1></bj-1>	Simwalt 82	Milan	Nezpurs	Joseph	Brookston	Au Triumph	Jasper	Red Sails	<exp 537b=""></exp>	Centennial	Misty	J82	Coker 393	Coker 355	<prn82></prn82>
APPL.	* 8400011 8400006	8400007	8400008	8400021	8400022	8400028	8400005	8400029	8400030	* 8400033	* 8400010	8400020	* 8400002	* 8400003	8400004	8400017	8400012	8400001	8400013	* 8400025	8400031	8400009	* 8400018	* 8400019	8400032
KIND	BARLEY BEAN, FIELD			BEAN, GARDEN			BLUEGRASS, KENTUCKY	CORN, FIELD		CORN, POP	COTTON	FESCUE, CHEWINGS	FESCUE, IDAHO		FESCUE, TALL		LENTIL	LETTUCE		OAT	PEA, GARDEN	SOYBEAN			

< > Identifies temporary designation.

 No. of generations of certified seed permitted beyond breeder's seed. * To be sold by variety name only as a class of certified seed.

APPLICATIONS RECEIVED (CONT.) OCT. 1, 1983 TO DEC. 31, 1983

Ф assigned an application number and will be examined to determine whether the variety is entitled to Applications for protection have been filed for the following varieties, each application has been certificate of protection. Seed of these varieties may be labeled "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. VARIETY PROTECTION APPLIED FOR."

NAME OF APPLICANT		North American Plant Breeders Western Plant Breeders, Inc. Western Plant Breeders, Inc. Pioneer Hi-Bred Internat'l, Inc. Pioneer Hi-Bred Internat'l, Inc.
APPL. DATE	831128	831114 831216 831216 831223 831223
VARIETY	AU-Jubilant AU-Producer	Buckshot WestBred Challenger Apex 2165 2157
APPL.	* 8400015 * 8400016	* 8400014 * 8400023 * 8400024 8400026
KIND	WATERMELON	WHEAT, COMMON

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APPLICATIONS AMENDED 0CT. 1, 1983, TO DEC. 31, 1983

Information concerning the varieties listed below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED". During the examination process, the applicant requested this information to be amended as indicated below.

NAME OF APPLICANT	Arco Seed Co.
APPL. DATE	801007
VARIETY	'Jenkins'
APPL. NO.	8100001
KIND	TRITICALE

Variety with temporary designation of 'A876' named 'Jenkins'.

APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE OCTOBER 1, 1983, TO DECEMBER 31, 1983

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

	VARIETY	'Valdena'	
	APPL. NO.	8000140	
st may possibly be protected ander the recent			
st may possibly	KIND	ENDIVE	

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM OCTOBER 1, 1983, TO DECEMBER 31, 1983

		closely resembles 'K2-103', a nonreleased line; however, 'Fults' is 9.5 cm taller (38.5 vs n 'K2-103'.	.00	'Pot 'N patio Violet Blue' is most similar to 'Dwarf Border Blue'; however, 'Pot 'N Patio Violet Blue' lowers in winter under short days and averages 19 cm tall x 25 cm wide when grown outdoors whereas 'Dwarf Border Blue' does not flower under short days and averages 25 cm tall x 25 cm wide when grown outdoors.	nc.	'Winsor Royal' is most similar to 'Mancan', however, the mature seed of 'Winsor Royal' has straight sides, whereas 'Mancan' has concave sides.	pt. Sta. (2)	'Verde' is most similar to 'Kleingrass 75'; however, 'Verde' has glabrous tillers, whereas 'Kleingrass 75' has pubescent tillers. 'Verde' also has heavier (1.04 vs .82 mg) and longer (2.34 vs 2.12 mm) seed than 'Kleingrass 75'.		'Crystal Wax Pickling' most closely resembles 'Crystal Wax'; however, when grown with double normal seeding rates 'Crystal Wax Pickling' produces perfectly globe-shaped mature bulbs whereas under the same conditions 'Crystal Wax' produces spindle-shaped mature bulbs.
NAME OF OWNER	Northrup King Co.	however, 'Fults'	W. Atlee Burpee Co.	Blue'; however, ' 25 cm wide when g erages 25 cm tall	Winsor Grain, Inc.	ture seed of 'Wins	Texas Agric. Expt. Sta.	has glabrous til vs.82 mg) and lor	Arco Seed Co.	however, when gr he-shaped mature bbs.
ISSUE	831230	onreleased line;	831230 ue	to 'Dwarf Border ages 19 cm tall x hort days and av	831027	however, the ma	831027	however, 'Verde' as heavier (1.04	831230	es 'Crystal Wax'; es perfectly glob ihaped mature bul
VARIETY	Fults	es 'K2-103', a n	Pot 'N Patio Violet Blue	s most similar rt days and aver t flower under s	Winsor Royal	lar to 'Mancan', e sides.	Verde	'Kleingrass 75'; 'Verde' also h	Crystal Wax Pickling	closely resembl Pickling' produc oduces spindle-s
CERT. NO.	8300071	sely resembl <2-103'.	8200129	iolet Blue' i er under shoi lue' does no	8300046	is most simi' 'has concav	* 8300018	similar to ent tillers. ss 75'.	8300083	ckling' most Crystal Wax stal Wax' pr
KIND	ALKALIGRASS, WEEPING	'Fults' most clo 29.0 cm) than 'k	ASTER, CHINA	'pot 'N Patio Vi flowers in wint 'Dwarf Border B outdoors.	BUCKWHEAT	'Winsor Royal' is most similar to 'N whereas 'Mancan' has concave sides.	KLEINGRASS	'Verde' is most 75' has pubesce than 'Kleingras	ONION	'Crystal Wax Pi seeding races ' conditions 'Cry

() No. of generations of certified seed permitted beyond breeder's seed. * To be sold by variety name only as a class of certified seed.

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT). OCTOBER 1, 1983, TO DECEMBER 31, 1983

ISSUE NAME OF OWNER	831230 Musser Seed Co., Inc.	'Lacy Lady' is most similar to 'Novella'; however, 'Lacy Lady' plants are 20 cm taller and are not fasciated whereas 'Novella' is slightly faciated.	831128 Canners Seed Corporation	'77 Early Perfection' most closely resembles '8221 Early Perfection'; however, '77 Early Perfection' plants are 7 cm shorter and have one fewer node than '8221 Early Perfection'.	831027 Crites-Moscow Growers, Inc.	'Superscout' is most similar to 'Scout'; however, 'Superscout' is resistant to pea seedborne mosaic vi
VARIETY	Lacy Lady	to 'Novella'; however, is slightly faciated.	77 Early Perfection 831128	losely resembles '8221 have one fewer node th	Superscout	to 'Scout'; however, '
CERT. NO.	8200146	'Lacy Lady' is most similar fasciated whereas 'Novella'	8200169	'77 Early Perfection' most closely resembles '8221 Early Perfection'; however plants are 7 cm shorter and have one fewer node than '8221 Early Perfection'.	8200180	'Superscout' is most similar
KIND	PEA		PEA		PEA	

irus

Sundance' is most similar to 'Tahoe'; however, 'Sundance' has pointed pods whereas 'Tahoe' has blunt

Pure Line Seeds, Inc.

831027

Sundance

8200186

	a	
	races 5	
SSIIZS Crites-Moscow Growers, Inc.	'Image' is most similar to 'Swinger'; however, 'Image' is resistant to <u>Fusarium</u> wilt, races 5 ar whereas 'Swinger' is susceptible.	831230 Joseph Harris Co., Inc.
831128	er, 'Image' is re	831230
ıııage	Swinger'; howev :ible.	8300024 Red King
osonoro image	'is most similar to 'S s 'Swinger' is suscept	8300024
PEA	'Image wherea	RADISH

nd 6,

pods.

⁰²¹¹²⁰ 0200010 DEA

^{&#}x27;Red King' most closely resembles 'Fancy Red'; however, 'Red King' is resistant to club root, race 6, whereas 'Red King' is susceptible.

 $^{^\}star$ To be sold by variety name only as a class of certified seed. () No. of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT) OCTOBER 1, 1983, AND DECEMBER 31, 1983

		, has		an	
NAME OF OWNER	International Seeds, Inc.	'Regal' most closely resembles 'Citation'; however, 'Regal' has fewer spikelets/spike (18 vs 20), has greater billbug resistance (4 vs 39% turf damage) and has fewer tillers per cm² than 'Citation'.	831128 Agriculture Service Corporation	'Pennant' most closely resembles 'Citation'; however, 'Pennant' is 14 cm taller (92 vs 78 cm) than 'Citation'.	831027 Callahan Enterprises, Inc.
ISSUE	831230	nowever, 'Regal' r namage) and has fe	831128	; however, 'Penna	831027
VARIETY	Regal	es 'Citation'; h t vs 39% turf d	Pennant	oles 'Citation'	C.S.2.4
CERT.	7700110	sely resemble resistance (8000141	losely reseml	8100133 CS24
KIND	RYEGRASS, PERENNIAL	'Regal' most clo greater billbug	RYEGRASS, PERENNIAL	'Pennant' most c 'Citation'.	SOYBEAN

has excellent emergence from a depth of 10 cm	ence (after 14 days, 75-85% seedling emergence	;ide 3035').
ever, 'CS24' }	· emerge	'Rivers
'CS24' is most similar to 'Riverside 3035'; however,	at 25°C, whereas 'Riverside 3035' has extremely poor emergence (after 14 days, 75-85	for 'CS24' vs less than 65% seedling emergence for 'Ri

Inc.	
nd Products,	
Arour	
Ring	
831027	
RA-606	
8200161	
SOYBEAN	

n cyst nematode,	
oybear	
t to s	
resistant	
·is	
A-606	
however, 'R	
' most closely resembles 'Davis';	nereas 'Davis' is susceptible.
,90	4 , س
'RA-606	and 4

races

o f

	_
	Mitchell 410' most closely resembles 'Mitchell'; however, 'Mitchell 410' is resistant to race 1 'hytophthora rot whereas 'Mitchell' is susceptible.
٠	to
In	ant
cts,	ist
npo.	res
d Pr	js
uno.	410'
g Ar	- I
Rin	tche
	Ξ
831027 Ring Around Products, Inc.	er,
831	w e v
	; ho
	ell' ptil
10	Mitchell 410' most closely resembles 'Mitchell'; ho Phytophthora rot whereas 'Mitchell' is susceptible.
Mitchell 410	. S
che	oles 1'i
Mit	semt hel
	re. Mitc
791	sely s 'r
200162	clo: erea
∞	st whe
	rot
	410 ora
	ell hth
	tch
EAN	P h
SOYBEAN	

	f high pH
ucts, Inc.	d is tolerant on ncy chlorosis).
831027 Ring Around Products, Inc.	brown hila an H (iron deficie
831027 Ri	er, 'RA-403' has rant of high pl
RA-403	RA-403' most closely resembles 'Mitchell'; however, 'RA-403' has brown hila and is tolerant of high ph hereas 'Mitchell' has black hila and is not tolerant of high pH (iron deficiency chlorosis).
8200163	most closely resemb 'Mitchell' has black
SOYBEAN	'RA-403' whereas

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM OCTOBER 1, 1983, TO DECEMBER 31, 1983

NAME OF OWNER .	Northrup King Co.	'S72-60' is most similar to 'Bragg' and 'Ransom'; however, 'S72-60' is resistant to race 3 of Phytophthora megasperma whereas 'Bragg' and 'Ransom' are susceptible.	831128 Ohio Agr. R. & D. Cen. & ARS, USDA (3)	'Hobbit' is most similar to 'Sprite'; however, 'Hobbit' plant type is slender vs bushy for 'Sprite'. 'Hobbit' seeds are smaller (15.6 vs 17.4 g/100 seeds) than 'Sprite' seeds and 'Hobbit' seed coats have low peroxidase activity vs high peroxidase activity for 'Sprite'.	Minnesota Agric. Expt. Sta.	'Simpson' is most similar to 'Hodgson 78'; however, 'Simpson' matures 4 or 5 days earlier and is 13 cm shorter in plant height than 'Hodgson 78'.	Delta and Pine Land Co.	'Deltapine 497' is most similar to 'Bragg'; however, 'Deltapine 497' seed coat luster is very dull whereas 'Bragg' seed coat luster is very shiny. The foliage of 'Deltapine 497' is darker green than the foliage of 'Bragg'.	Delta and Pine Land Co.	'Deltapine 417' is most similar to 'Bragg'; however, 'Deltapine 417' has gray pubescence and buff hila whereas 'Bragg' has tawny pubescence and black hila.
ISSUE DATE NA	831027 No	ver, 'S72-6 ire suscept	1128 Oh	'plant ty than 'Spri or 'Sprite'	831230 Mi	impson' ma	831128 De	Deltapine oliage of	831128 De	Deltapine '
	83	'Ransom'; hower and 'Ransom' a	83	lowever, 'Hobbit 4 g/100 seeds) dase activity f	83	8'; however, 'S 78'.		gg'; however, '' y shiny. The f		gg'; however, ' d black hila.
VARIETY	872-60	'Bragg' and ereas 'Bragg	Hobbit	'Sprite'; h (15.6 vs 17. high peroxi	Simpson	o 'Hodgson 7 no 'Hodgson	Deltapine 497	ilar to 'Bra ıster is ver	Deltapine 417	ilar to 'Bra ubescence ar
CERT.	8200164)'is most similar to hthora megasperma whe	* 8200174	Hobbit' is most similar to 'Sprite'; however, 'Hobbit' plant type Hobbit' seeds are smaller (15.6 vs 17.4 g/100 seeds) than 'Sprite low peroxidase activity vs high peroxidase activity for 'Sprite'.	* 8300012	'Simpson' is most similar to 'Hodgson 78', shorter in plant height than 'Hodgson 78'	8300013	oine 497' is most simi s 'Bragg' seed coat lu e of 'Bragg'.	8300014	'Deltapine 417' is most similar to 'Bragg'; however, whereas 'Bragg' has tawny pubescence and black hila
KIND	SOYBEAN	'S72-60 Phytop!	SOYBEAN	Hobbit Hobbit Jow pe	SOYBEAN	'Simpson 'Si	SOYBEAN	'Deltap wherea foliag	SOYBEAN	'Deltap wherea

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CERTIFICATES AMENDED 0CTOBER 1, 1983, TO DECEMBER 31, 1983

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice Under the Plant Variety Protection Act.

ISSUE VARIETY DATE	'Paymaster' 771207	gnation of EXP. 163 named 'P getable Products Group.	'Lakeland' 780126	gnation of EXP. 195 named 'L getable Products Group.	'Green Genes' 771207	etics Corporation, Vegetable	'Triumph' 771230	etics Corporation, Vegetable	'White Summer' 820819
CERT.	7600058	Variety with temporary designation of EXP. 163 named 'Paymaster' and the name of the owner is Arigenetics Corporation, Vegetable Products Group.	7600059	Variety with temporary designation of EXP. 195 named 'Lakeland' and the name of the owner is Arigenetics Corporation, Vegetable Products Group.	1,0900097	Name of the owner is Arigenetics Corporation, Vegetable Products Group.	7600061	Name of the owner is Arigenetics Corporation, Vegetable Products Group.	8100063
KIND	BEAN	Val	BEAN	Val	BEAN	Nar	BEAN	Nar	CAULIFLOWER

Name of owner changed from Sluis & Groot B.V., Neth. to Sluis & Groot Research.

CERTIFICATES VOLUNTARILY ABANDONED OCTOBER 1983 TO DECEMBER 31, 1983

protection for the varieties listed below are voluntarily abandoned by request of the owner. Propagation of these varieties is no longer prohibited by the Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act. In compliance with section 180.104(d) of the Plant Variety Protection Act, certificates of plant variety

DATE OF ABANDONMENT	831229
VARIETY	Apart
CERTIFICATE NUMBER	8100012
KIND	BLUEGRASS, KENTUCKY

GENERAL INFORMATION

Availability of Computer Search Files.

The Plant Variety Protection Office (PVPO) has a continuing interest in obtaining descriptive information on new varieties. As explained in Volume 11, Number 1 of the Official Journal, the PVPO is making variety computer files available with a request that breeders and others assist in reviewing our files.

The PVPO soybean, bean, pea, cowpea, and cotton files have been announced as available previously. We are now making alfalfa, barley, corn, and fine-leaved fescue files available. To obtain copies of these files write to Kenneth H. Evans, Commissioner, Plant Variety Protection Office, Warehouse Division, AMS, National Agricultural Library Building, Room 500, Beltsville, Maryland 20705, or call (301) 344-2518.



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